

SN. 09/737,279

ATTORNEY DOCKET NO. MITS:024

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--Fig. 1 is a sectional view of the main part of a vehicular belt-type continuously variable transmission (CVT) according to an embodiment of the invention;

Fig. 1A is an enlarged view of a bearing located in an upper part of the CVT of Fig. 1;

Fig. 1B is an enlarged view of a bearing located in a lower part of the CVT of Fig. 1;--

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Page 11, replace the third full paragraph (as previously amended) with the following replacement paragraph:

--Referring to Figs. 1, 1A and 1B, prior to description of an assembling procedure, the following points are noted. The end wall 2a of the housing 2 has a first contact surface where the flange 52 is in contact with the bearing 12 and a second contact surface where the end wall 2a is contact with the cover 116 on the secondary shaft 84 side. The first contact surface and the second contact surface are reference surfaces P1 and P2, respectively. The distance between the reference surfaces P1 and P2 is determined accurately. Working is performed to form the bearing mounting holes 54 and 120 with the first contact surface and second contact surface used as references, respectively. Specifically, the bearing mounting hole 54 on the primary shaft 4 side is formed in such a manner that its depth D₁ (i.e., the distance between the outside surface of a bearing support portion 55 of the end wall 2a and the reference surface P1) is slightly shorter than the width W₁ of the bearing 12. The bearing mounting hole 120 on the secondary shaft 84 side is formed in such a manner that its depth D₂ (i.e., the distance between the reference surface P2 and the flange 122) is shorter than the width W₂ of the bearing 86 plus the thickness of the wave spring 118 in a free state.--

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IN THE CLAIMS:

Kindly replace claims 1, 7, 8, 10, and 11 with the following corresponding replacement claims:

SUB

--1. (Twice Amended) A continuously variable transmission comprising:
a continuously variable transmission mechanism comprising:
a primary shaft having a primary pulley;
a secondary shaft having a secondary pulley; and



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an endless belt wound on the primary pulley and the secondary pulley;
a housing that accommodates the continuously variable transmission mechanism, the housing having an end wall that is formed with a first bearing mounting hole through which one end portion of one of the primary shaft and the secondary shaft penetrates, the end wall having a first outwardly facing side and a first inwardly facing side opposite to the first outwardly facing side around the first bearing mounting hole;
a first bearing fitted in the first bearing mounting hole and allowing the one shaft to be supported rotatably by the end wall;
a first flange extending radially from the first inwardly facing side toward the first bearing mounting hole;
a bearing retainer provided on the first outwardly facing side of the end wall and projecting radially inwardly toward the first bearing mounting hole, and engaging the first bearing to pinch the first bearing against the first flange; and
a first cover connected to the housing and covering the one end portion of the one shaft and the bearing retainer.--

*Sub
Cont'd*

7. (Amended) The continuously variable transmission according to claim 2, further comprising a second flange, the end wall having a second outwardly facing side and a second inwardly facing side opposite to the second outwardly facing side around the second bearing mounting hole, wherein:

the second flange extends radially from the second inwardly facing side toward the second bearing mounting hole;

the second cover contacts the second outwardly facing side of the end wall and an outer side surface of the second bearing in the same plane;

the depth of the second bearing mounting hole, which extends in the axial direction, is shorter than the combined thickness of the second bearing and the urging member in a free state, which combined thickness extends in the axial direction; and

the second bearing receives urging force in a direction from the urging member to the second cover and is thereby in contact with the second cover.

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Sgt Clegg*

8. (Twice Amended) The continuously variable transmission according to claim 3, further comprising a second flange, the end wall having a second outwardly facing side and a second inwardly facing side opposite to the second outwardly facing side around the second bearing mounting hole, wherein:

the second flange extends radially from the second inwardly facing side toward the second bearing mounting hole;

the second cover contacts the second outwardly facing side of the end wall and an outer side surface of the second bearing in the same plane;

the depth of the second bearing mounting hole, which extends in the axial direction, is shorter than the combined thickness of the second bearing and the urging member in a free state, which combined thickness extends in the axial direction; and

the second bearing receives urging force in a direction from the urging member to the second cover and is thereby in contact with the second cover.--

Sgt Clegg

--10. (Twice Amended) A continuously variable transmission comprising:

a continuously variable transmission mechanism comprising:

a primary shaft having a primary pulley;

a secondary shaft having a secondary pulley; and

an endless belt wound on the primary pulley and the secondary pulley;

a housing that accommodates the continuously variable transmission mechanism, the housing having an end wall that is formed with a bearing mounting hole through which one end portion of one of the primary shaft and the secondary shaft penetrates;

a bearing fitted in the bearing mounting hole and allowing the one shaft to be supported rotatably by the end wall;

an urging member in contact with an inwardly facing side surface of the bearing and being elastically deformable in an axial direction of the one shaft; and

a cover connected to the housing and covering the one end portion of the one shaft, and engaging the bearing on an outwardly facing side thereof to pinch the bearing axially inwardly against the urging member.

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